Mr. John G. Richardson

Phone: 208.526.3246
Email: richardson@vistaengr.com

Experience and Achievements

Mr. John Richardson retired from the INL in 2005 after working for 31 years. He has 34 years of experience in instrument development, component-level electronics design and circuit and systems modeling. Mr. Richardson received a B.S. in Electrical Engineering from the University of Michigan in 1972 (magna cum laude) and an M.S. in Electrical Engineering from Massachusetts Institute of Technology in 1973. Currently, Mr. Richardson is working as a consultant to the Idaho National Laboratory and is performing research with the Electro-Technical University in St. Petersburg, Russia. He has also been working jointly with Laboratory staff in the fields of radiation detection, non-destructive evaluation and data communications. Mr. Richardson was honored as the 2004 INL Inventor of the Year.

INL'S LIFETIME ACHIEVEMENT AWARD FOR INVENTORSHIP

Patents

- U.S. Patent 5,458,367 - Air Bag Restraint Device
- U.S. Patent 5,470,043 - Magnetic Latching Solenoid
- U.S. Patent 6,575,663 - Advanced Containment System
- U.S. Patent 6,752,634- Subsurface Materials Management and Containment System
- U.S. Patent 6,889,557 - Network and Topology for Identifying, Locating and Quantifying Physical Phenomena, Systems and Methods for Employing Same
- U.S. Patent 6,965,836 - Method and Apparatus for Two Dimensional Surface Property Analysis Based on Boundary Measurement
- U.S. Patent 6,993,061 - Operating an Induction Melter Apparatus
- U.S. Patent 7,070,359 - Microtunneling Systems and Methods of Use
- U.S. Patent 7,072,378 - Induction Heating Apparatus and Methods for Selectively Energizing an Inductor in Response to a Measured Electrical Characteristic that is at Least Partially a Function of a Temperature of a Material Being Heated
- U.S. Patent 7,085,305 - Induction Heating Apparatus and Methods of Operation Thereof